

REMARKS

By the present amendment, independent claims 1 and 5 have been amended to obviate the examiner's objections thereto and/or to further clarify the concepts of the present invention. In particular, these claims have been amended to recite that the substrate resin in the heat shield layer is at least one selected from polyethylene resin, polyvinyl chloride resin and polypropylene resin.

It is submitted that these amendments to claims 1 and 5 are helpful in distinguishing the subject claims over the cited prior art and do not raise new issues which would require further consideration and/or search. In addition, it is submitted that such amendments place the application in better form for appeal by materially reducing or simplifying the issues for appeal. Furthermore, no additional claims are presented without cancelling a corresponding number of finally rejected claims. In view of the above, it is submitted that entry of the above amendments is in order and such is respectfully requested.

In the Office Action, claims 1, 2 and 5 were rejected under 35 USC § 102(b) as being anticipated by the patent to Takeda et al. As before, it was asserted in making this rejection that the Takeda et al patent teaches the entire heat shielding material as

now recited in the noted claims. Reconsideration of this rejection in view of the above claim amendments and the following comments is respectfully requested.

As was noted above, independent claims 1 and 5 have been amended herein to recite that the substrate resin in the heat shield layer is at least one selected from polyethylene resin, polyvinyl chloride resin and polypropylene resin. It is submitted that the Takeda et al patent does not teach the specific substrate resins as recited in the claims.

In the subject rejection, the disclosure at lines 10-12 of column 5 regarding the binder resin was relied upon. However, this disclosure does not correspond with the substrate resins listed in claims 1 and 5 as the Takeda et al patent teaches the use of a mixture of a photopolymerizable oligimer such as polyester-acrylate, and a photopolymerizable monomer such as polyfunctional acrylate.

It is further submitted that the Takeda et al patent does not teach the content of filler of lanthanum hexaboride or of antimony-doped tin oxide filler within the ranges as claimed. In this regard, it was asserted in the Action that the Examples of the Takeda et al patent have the same content of particles. From a careful review of the Examples, no specifics could be found which would appear to correspond to a content defined in

grams per square meter.

For the reasons stated above, withdrawal of the rejection under 35 U.S.C. § 103(a) and allowance of claims 1, 2 and 5 as amended over the cited Takeda et al patent are respectfully requested.

In addition, claims 1, 2 and 5 were rejected under 35 USC § 103(a) as being unpatentable over the previously patent to Fisher. Furthermore, claims 1, 2 and 5 were rejected under 35 USC § 103(a) as being unpatentable over the previously cited patent to Kondo. In making both of these rejections, it was asserted that the Fisher and Kondo patents teach the entire heat shielding material as set forth in the noted claims except for the instantly claimed polymer resins. However, it then was alleged that the teachings of the patents of polyvinylacetate (PVA) and polybutyraldehyde (PVB) resins would suggest the presently claimed resins for the substrate. Reconsideration of this rejection in view of the above claim amendments and the following comments is respectfully requested.

It is submitted that the same reasons as set forth above are applicable to these rejections. That is, the present shielding materials are distinguished over the compositions of patents to Fisher and Kondo in terms of, among other things, the

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substrate resins. It is submitted that the cited patents do not teach the specific substrate resins as recited in the claims which are at least one selected from polyethylene resin, polyvinyl chloride resin and polypropylene resin.

For the reasons stated above, withdrawal of the rejection under 35 U.S.C. § 103(a) and allowance of claims 1, 2 and 5 as amended over the cited Fisher and Kondo patents are respectfully requested.

In view of the foregoing, it is submitted that the subject application is now in condition for allowance and early notice to that effect is earnestly solicited.

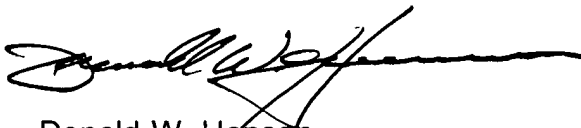
In the event this paper is not timely filed, the undersigned hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit

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Account No. 01-2340, along with any other additional fees which may be required with respect to this paper.

Respectfully submitted,

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